

Datasheet for ABIN7544596

**TMEM135 Protein (AA 1-458) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	TMEM135
Protein Characteristics:	AA 1-458
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMEM135 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant TMEM135 Protein expressed in mammalian cells.
Sequence:	MAALSKSIPH NCYEIGHTWH PSCRVSFLQI TGGALEESLK IYAPLYLIAA ILRKRKLDYY LHKLLPEILQ SASFLTANGA LYMAFFCILR KILGKFYSWT PGFGAALPAS YVAILIERKS RRGLLIYMA NLATETLFRM GVARGTITTL RNGEVLLFCI TAAMYMFFFR CKDGLKGFTF SALRFIVGKE EIPTHSFSPE AAYAKVEQKR EQHEEKPGRM NMIGLVRKFV DSICKHGPRH RCKKHEDNC ISYCIKGFIR MFSVGYLIQC CLRIPSAFRH LFTQPSRLLS LFYNKENFQL GAFLGSFVSI YKGTSCFLRW IRNLDELHA IIAGFLAGIS MMFYKSTTIS MYLASKLVET MYFKGIEAGK VPYFPHADTI IYSISTAICF QAAVMEVQTL RPSYWKFLLR LTKGKFAVMN RKVLDFVGTG ASKHFQDFIP RLDPRYTTVT PELPTEFS <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

## Product Details

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isoform, please contact us regarding an individual offer.

### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

### Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

### Grade:

custom-made

## Target Details

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### Target:

TMEM135

### Alternative Name:

TMEM135 ([TMEM135 Products](#))

### Background:

Transmembrane protein 135 (Peroxisomal membrane protein 52) (PMP52),FUNCTION: Involved in mitochondrial metabolism by regulating the balance between mitochondrial fusion and fission. May act as a regulator of mitochondrial fission that promotes DNM1L-dependent fission through activation of DNM1L. May be involved in peroxisome organization. {ECO:0000250|UniProtKB:Q5U4F4, ECO:0000250|UniProtKB:Q9CYV5}.

### Molecular Weight:

52.3 kDa

### UniProt:

[Q86UB9](#)

## Application Details

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### Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months